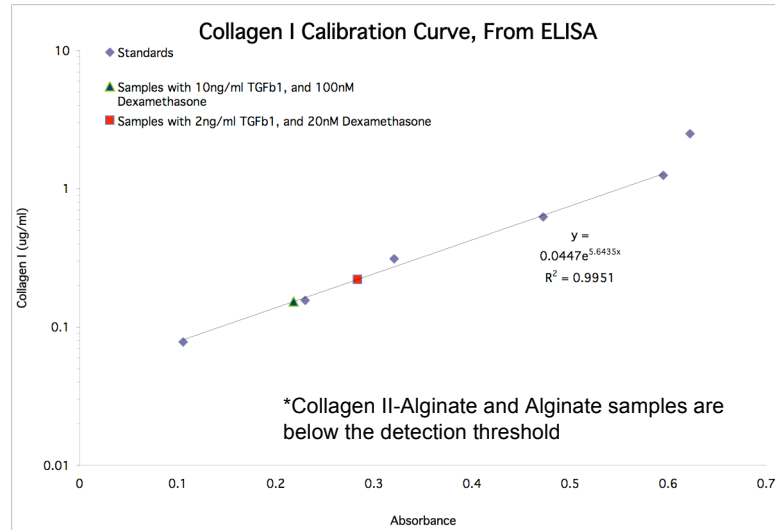


A



B

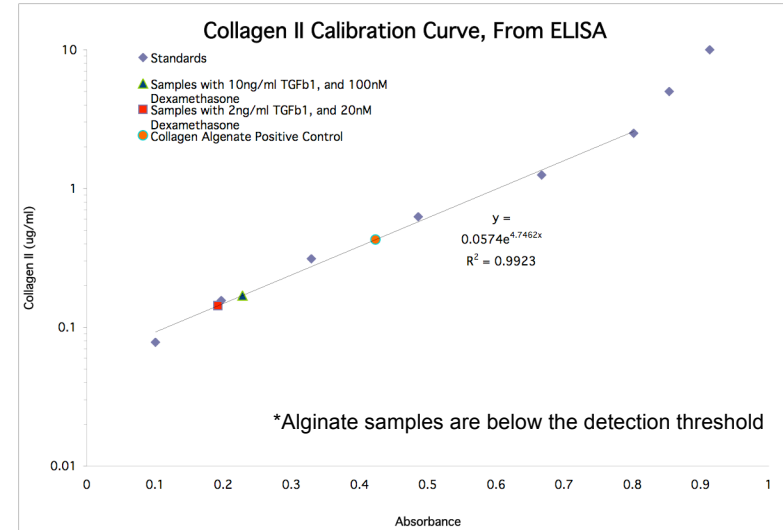


Figure 2 Collagen I and II expression differs in cells exposed to varying growth factor concentrations. A) Samples exposed to 10 ng/mL TGF-beta1 and 100nM Dexamethasone demonstrated lower Collagen I expression than cells exposed to 2 ng/mL TGF-beta1 and 20nM Dexamethasone, indicative of chondrogenesis. Collagen II-Alginate and Alginate only samples had background levels of absorbance only and were below detection limit. B) Growth factor concentration correlates with Collagen II expression, and by extrapolation, chondrogenesis. Collagen II-Alginate samples, interestingly, had higher Collagen II concentrations than either cell sample. The Alginate only sample, again, was below the detection limit.